

WHAT IS CLAIMED IS:

1. An information processing system comprising:
 - a radio communication terminal and an information appliance communicable with said radio communication terminal within a predetermined distance,
 - said information appliance comprising:
 - a storing part for storing information peculiar to a user of said information appliance;
 - a radio communication part for reading information from said radio communication terminal; and
 - an authorization part authorizing said user of the information appliance by collating information from said radio communication terminal read at said radio communication part with information peculiar to the user of said information appliance stored in said storing part, and
 - said radio communication terminal comprising:
 - a storing part for storing predetermined information; and
 - a transmission part for receiving a radio signal transmitted from said information appliance and transmitting said predetermined information stored in said storing part as a radio signal.
2. The information processing system according to claim 1, wherein said radio communication terminal contains a portable telephone, the information appliance user's own information contains a telephone

number, the telephone number differs for each user, and that the portable telephone hereafter can be a part specifying an individual is utilized.

5 3. The information processing system according to claim 1, wherein said radio communication terminal transmits a code number, employing an operation part of a portable telephone, in addition to the information appliance user's own information.

10 4. The information processing system according to claim 1, wherein said information appliance has a control part for controlling so that the directivity of an electromagnetic wave transmitted from the radio communication terminal reading part is made high.

15 5. A camera system comprising:
 a radio communication medium and a camera communicable with said radio communication medium within a predetermined distance,
 said camera comprising:
 an image pickup part for obtaining image data by
20 photographing a subject;
 a storing part for storing information peculiar to a user of said camera;
 a radio communication medium reading part for transmitting a predetermined radio signal and reading
25 information from the radio communication medium;
 an authorization part for authorizing the camera user by collating information read at the radio

a processing part for performing a series of processing in which random numbers generated by the random number generating part are obtained, information based on the random numbers is transmitted to the radio communication medium side for being recorded in the radio communication medium, employing the radio

communication medium writing part, and the camera user's own information stored in the storing part is updated, employing the updating part when the camera user is authorized by the authorization part.

5 7. The camera system according to claim 5, wherein said camera further comprises:

an input part by which the user of said camera requires that authorization processing of the camera user is started; and

10 a control part for supplying power to said radio communication medium reading part when said authorization processing of the camera user is required through said input part so that said authorization processing of the camera user is performed by the
15 authorization part and finishing supplying power to said radio communication medium reading part after a predetermined time passes.

20 8. The camera system according to claim 5, wherein said camera further comprises a record part creating and recording information showing that the camera user is unclear on a header part of image data photographed at the image pickup part of the camera when authorization of the camera user by the
25 authorization part is failed.

 9. The camera system according to claim 5, wherein said camera further comprises a control part for controlling so that photographing using the camera

is not performed until authorization of the camera user succeeds by the authorization processing part.

10. The camera system according to claim 5, wherein said camera further comprises:

5 an entry processing and entry cancellation processing part of the camera user; and

a control part for controlling so that entry processing and entry cancellation processing of the camera user can be performed by the entry processing and entry cancellation processing part only when a predetermined camera user is authorized by the authorization processing part.

11. The camera system according to claim 5, wherein said camera further comprises a switching part selectively switching a first mode in which information showing that the camera user is unclear on a header part of image data photographed at the image pickup part of the camera is created and recorded in said record part when authorization of the camera user by the authorization part is failed and a second mode in which control is executed by the control part so that photographing using the camera is not performed until authorization of the camera user by the authorization processing part succeeds.

12. The camera system according to claim 5, wherein said radio communication medium comprises information peculiar to the camera corresponding to

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5 13. The camera system according to claim 5,
wherein said radio communication medium comprises
information peculiar to a group jointly using the
camera corresponding to said camera user's own
information as said predetermined information stored
10 in said storing part, and said camera comprises the
information peculiar to the group jointly using the
camera as information stored in said storing part.

14. The camera system according to claim 5,
wherein said camera further comprises

15 a control part for controlling so that when a part
of information peculiar to a group using said camera
coincides by collating information read at said radio
communication medium reading part with the camera
user's own information stored in said storing part in
20 said authorization processing part, photographing using
the camera becomes possible, and when it does not
coincide, photographing using the camera becomes
impossible.

15. The camera system according to claim 5,
25 wherein said camera further comprises a control part
for controlling so that the directivity of the
electromagnetic wave transmitted from said radio

communication medium reading part becomes high.

16. A camera system comprising:

a radio communication medium in the side of
a subject and a camera communicable with said radio
communication medium within a predetermined distance,
said camera comprising:

an image pickup part for obtaining image data by
photographing the subject;

a radio communication medium reading part for
transmitting a predetermined radio signal and reading
information from the radio communication medium;

an information maintenance part for temporarily
maintaining information from said radio communication
medium of the side of the subject read at the radio
communication medium reading part as information
peculiar to said subject; and

an information record part recording for, while
relating to a file of image data photographed,
information peculiar to the subject maintained in
said information maintenance part when an image is
photographed employing said image pickup part, and

said radio communication medium comprising:

a storing part for storing predetermined
information containing said subject's own information;

and

a transmission part for receiving said
predetermined radio signal transmitted from the radio

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a random number generating part;
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an image pickup part for obtaining image data by

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a subject information acquisition mode setting part setting said camera to a mode for acquiring information peculiar to said subject;

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an information record part for recording, while relating to a file of image data photographed, said subject's own information maintained in said information maintenance part along with information related to the camera user authorized at said authorization part when an image is photographed employing said image pickup part in the case in which

each said radio communication medium comprising:
5 a storing part for storing predetermined
information containing said camera user's own
information or said subject's own information; and

19. The camera system according to claim 18,
wherein said camera further comprises

15 a radio communication medium writing part;
 a random number generating part;
 an updating part for updating the camera user's
own information stored in the storing part; and

a processing part for performing a series of
20 processing in which random numbers generated by the
random number generating part are obtained, information
based on the random numbers is transmitted to the radio
communication medium side for being recorded in the
radio communication medium, employing the radio
25 communication medium writing part, and the camera
user's own information stored in the storing part is
updated, employing the updating part when the camera

user is authorized by ~~the~~ authorization part.